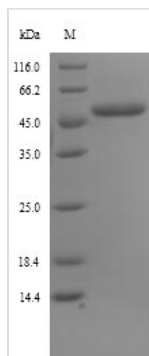




Recombinant Escherichia coli Trigger factor (tig)

Product Code	CSB-YP632196EGW
Relevance	Involved in protein export. Acts as a chaperone by maintaining the newly synthesized protein in an open conformation. Functions as a peptidyl-prolyl cis-trans isomerase.
Abbreviation	Recombinant E.coli tig protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q1RFA0
Alias	TF,PPIase
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain UTI89 / UPEC)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MQVSVETTQGLGRRVTITIAADSIETAVKSELVNVAKKVRIDGFRKGKVP MNIV AQRYGASVRQDVLGDLMSRNFIDAIIEKINPAGAPTYVPGEYKLGEDFTYSVE FEVYPEVELQGLEAIEVEKPIVEVTDADVDGMLDTRLKQQATWKEKDGAVEAE DRVTIDFTGSVDGEEFEGGKASDFVLAMGQGRMIPGFEDGIKGHKAGEEFTID VTFPEEYHAENLKGKAAKFAINLKKVEERELPELTAEFIKRFGVEDGSVEGLRA EVRKNMERELKSAIRNRVKSQAIEGLVKANDIDVPAALIDSEIDVLRQAAQRF GGNEKQALELPRELFEEQAKRRVVVGLLLGEVIRTNELKADEERVKGLIEEMA SAYEDPKEVIEFYSKNKELMNMRNVALEEQA VEAVLAKAKVTEKETTFNELM N
Research Area	Microbiology
Source	Yeast
Target Names	tig
Protein Names	TF,PPIase
Expression Region	1-429aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	49.9 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.